

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended): Feedthrough apparatus comprising the combination of a housing having an opening therein and having a member with a surface at the opening, and a feedthrough extending through the opening in the housing and forming an interface with the housing, the feedthrough being brazed to the housing at the interface, the surface of the housing extending at least to the feedthrough, and the member having an opening herein adjacent the feedthrough to minimize surface area contact at the interface between the feedthrough and the housing, wherein the feedthrough is made of a first material having a given coefficient of thermal expansion and the housing is made of a second material having a coefficient of thermal expansion which is substantially different from the given coefficient of thermal expansion of the first material.

Claim 2 (Original): Feedthrough apparatus in accordance with claim 1, wherein the opening in the member has edges which extend from side walls of the feedthrough under the feedthrough by small distances.

Claim 3 (Withdrawn):

Claim 4 (Currently Amended): ~~Feedthrough apparatus in accordance with claim 1,~~ Feedthrough apparatus comprising the combination of a housing having an opening therein and having a member with a surface at the opening, and a feedthrough extending through the opening in the housing and forming an interface with the housing, the feedthrough being brazed to the housing at the interface, the surface of the housing extending at least to the feedthrough, and the

member having an opening herein adjacent the feedthrough to minimize surface area contact at the interface between the feedthrough and the housing, and

wherein the feedthrough is made of ceramic having a given coefficient of thermal expansion and the housing is made of metal having a coefficient of thermal expansion which is substantially different from the given coefficient of thermal expansion of the ceramic.

Claim 5 (Original): Feedthrough apparatus in accordance with claim 4, wherein the feedthrough is brazed to the housing at the interface therebetween with a silver and copper mixture that brazes at a temperature of at least about 780°C.

Claims 6-9 (Withdrawn):

Claim 10 (Currently Amended): Feedthrough apparatus comprising the combination of a housing having a generally planar base and an elongated side wall mounted on the base and having an opening therein, and a feedthrough of generally rectangular shape mounted on the housing and extending through the opening in the side wall, ~~and~~ wherein the base has a rectangular shaped opening therein beneath the feedthrough to substantially reduce the surface area of contact between the feedthrough and the housing and the feedthrough is made of a first material having a given coefficient of thermal expansion and the housing is made of a second material having a coefficient of thermal expansion which is substantially different from the given coefficient of thermal expansion of the first material.

Claim 11 (Original): Feedthrough apparatus in accordance with claim 10, wherein the base forms a small ledge around the rectangular-shaped opening beneath a back edge and opposite side edges of the feedthrough of generally rectangular shape.

Claims 12-14 (Withdrawn):

Claim 15 (New): Feedthrough apparatus in accordance with claim 1, wherein the feedthrough is made of ceramic.

Claim 16 (New): Feedthrough apparatus in accordance with claim 10, wherein the feedthrough is made of ceramic and the housing is made of metal.